

SEQUENCE LISTING

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Letsinger, Robert L.  
Mucic, Robert C.  
Storhoff, James J.  
Elghanian, Robert  
Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
AND USES THEREFOR

<130> 00-715-A

<140> 09/760,500  
<141> 2001-01-12

<150> 09/603,830  
<151> 2000-06-26

<150> 09/344,667  
<151> 1999-06-25

<150> 09/240,755  
<151> 1999-01-29

<150> PCT/US97/12783  
<151> 1997-07-21

<150> 60/031,809  
<151> 1996-07-29

<150> 60/200,161  
<151> 2000-04-26

<160> 64

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synthetic sequence

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synthetic sequence

<400> 3  
cctttagatt tccctc

16

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16

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synthetic sequence

<400> 5  
aacttgcgt aatggcga

18

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26

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aaaaagggaa ggaga

15

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aaacgactct agcgcgata gttgccat

28

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cctatcgacc atgct 15

<210> 13  
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gtcgatagga aacgactcta gcgc 24

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<210> 22  
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23

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synthetic sequence

<400> 26  
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25

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synthetic sequence

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tacgagttga gaatcctgaa tgcg

24

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<220>  
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synthetic sequence

<400> 28  
taggacttac gc 12

<210> 29  
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<400> 29  
tacgagttga gaccgttaag acgaggcaat catgcaatcc tgaatgcg 48

<210> 30  
<211> 24  
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<400> 30  
tgcatgattg cctcgtctta acgg 24

<210> 31  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence:random synthetic sequence

<400> 31  
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atcctgaatg cg 72

<210> 32  
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<220>  
<223> Description of Artificial Sequence:random synthetic sequence

<400> 32  
gttgtccgt aagcgtccaa tatatgcatttgcctcgcttacgg 48

<210> 33  
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<400> 33  
tctcaactcg ta 12

<210> 34  
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<400> 34  
tacgagttga gaatcctgaa tgcg 24

<210> 35  
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<400> 35  
cgcattcagg at 12

<210> 36  
<211> 141  
<212> DNA  
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<400> 36  
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attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgttagaa 120  
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<210> 37  
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synthetic sequence

<400> 37  
taacaataat ccctc 15

<210> 38  
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synthetic sequence

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atccttatca atatt 15

<210> 39  
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<220>  
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synthetic sequence

<400> 39  
tgagcctcct taactactga ctcatccgcc 30

<210> 40  
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synthetic sequence

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tgttgacgaa ttaattactt ctcta 25

<210> 41  
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<220>  
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<400> 42  
aagccttca gatatcttcaa tttctacaa

29

<210> 43  
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<400> 43  
tctcaactcg taaaaaaaaaa aa

22

<210> 44  
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<212> DNA  
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<400> 44  
tagcaggttga gaatcctgaa tgcg

24

<210> 45  
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<212> DNA  
<213> Artificial Sequence

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aaaaaaaaaa cgcattcagg at

22

<210> 46  
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synthetic sequence

<400> 46  
tctcaactcg taaaaaaaaaa aa

22

<210> 47  
<211> 22  
<212> DNA  
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<223> Description of Artificial Sequence:random  
synthetic sequence

<400> 47  
aaaaaaaaaaa cgcattcagg at

22

<210> 48  
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synthetic sequence

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tacgagttga gaatcctgaa tgcg

24

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synthetic sequence

<400> 49  
ctacttagat ccgagtgcccc acat

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synthetic sequence

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cgcattcagg at 12

<210> 51  
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<220>  
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aaaaaaaaaaaa aaaaaaaaaa cgcattcagg at 32

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<211> 32  
<212> DNA  
<213> Artificial Sequence

<220>  
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<400> 52  
cgcattcagg atwwwwwwww wwwwwwwwww ww 32

<210> 53  
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<212> DNA  
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<220>  
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atcctgaatg cg 12

<210> 54  
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<220>  
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atcctgaatg cg 12

<210> 55

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aaaaaaaaaaa aaaaaaaaaaa 20

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<400> 56  
ggattattgt taattattga taaggat 27

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taacaatnat cc 12

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<212> DNA  
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<400> 58  
atccttatca atatt 15

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<220>  
<223> Description of Artificial Sequence:random synthetic sequence

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tacgagttga gaatcctgaa tgcg 24

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gcgttaagtcc taacgtacta acggagcaga attgccagag ttgagcat 48

<210> 62  
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<220>  
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gcgttaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60  
agagttgagc at 72

<210> 63  
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<212> DNA  
<213> Artificial Sequence

<220>  
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<400> 63  
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<210> 64  
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synthetic sequence

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48